

INDEX TO VOLUME IX.—1871-'72.

ARMY OF THE UNITED STATES.

Abstract of special orders. See each No.
Academy, Military. See West Point.
Academy, Military. 76, 684, 786, 801, 803
Academy, Military, class of 1872. 790
Academy, Military, report of board of
visitors. 56
Acephalous Artillery. 111
Adams, private Louis. 215
American muzzle-loaders. 338
Anderson, Gen. Rob't. 233, 250
Apaches, the. 279, 386
Appointments and promotions. 465
Arizona campaign. 27, 74, 152
Armament of our forts. 464, 480, 753
Arms, trial of, at St. Louis. 305
Army appropriations. 529, 577, 592,
673, 737
Army conrol of mining interests. 204
Army hospitals. 190
Army in peace. 150
Army in peace. 8, 155
Army legislation. 658
Army officers, responsibilities of. 236
Army pay. [See pay of soldiers]. 111
Army prisons. 334, 338, 413, 418
Army Register for 1872. 477
Army regulations. 39, 57
Army reorganization. 234, 283, 381,
417, 704
Army societies, meeting of. 624, 642
Articles of war, history of. 189
Artillery, credit to soldiers. 729
Artillery, credit to soldiers. 123
Artillery, few thoughts on. 7, 58, 65
Artillery, field. 194
Artillery, heavy. 75, 126, 139, 502, 769,
771, 785
Artillery. See Few thoughts on
Heavy—Ordnance, etc.—Seacoast—
Gatling—Dahlgren—Fifteen inch
guns—Rifled.
Artillery and Ordnance Corps. 23, 123, 739
Artillery reform. [See Ordnance and
Artillery]. 155, 234, 355
Artillery regiments—First. 157, 161,
301, 316, 332, 349, 382, 429, 490, 509, 525,
541, 557, 573, 589, 604, 621, 637, 653,
669, 749, 766, 781, 814—Second. 19,
215, 247, 365, 412, 556, 573, 620, 621,
637, 653, 685, 701, 716, 749, 766, 814—
Third. 139, 444, 460, 574, 589, 637, 669,
717, 766, 781, 814—Fourth. 19, 104, 222,
301, 332, 349, 357, 367, 700, 716, 814—
Fifth. 215, 301, 316, 332, 349, 363, 382,
429, 476, 509, 525, 541, 573, 589, 604,
621, 637, 700, 716, 749, 781, 797.
Artillery School. See School of Ar-
tillery.
Army, U. S., criticised and com-
pared. 787
Assignments of pay of officers, etc. 689
Barracks, improved. 171
Battery M's rifle. 414
Battle of the guns. 514
Beauregard's broadsword. 402
Beauregard on Grant and Gillmore. 451, 456
Belknap, General, speech at West
Point. 716
Big guns, era of. 704
Bird case, the. 5
Boards of survey. 630
Boundaries. 693
Branding soldiers. 680
Breach-loaders, trial of. 593
Breach-loaders v. muzzle-loaders. 385
Brevet title, definition of. 53
Broadwell breech-loading system. 43
Buell records. 592, 701
Bugle instead of drum. 465, 466
Bursting of a caisson at Ft. Monroe. 462
Butler, Gen., at New Orleans. 496
Cartridge-box and belt. 739
Catching a cannon ball. 591
Cavalry equipments. 763
Cavalryman in his own defence. 900
Cavalry regiments—First. 177, 247,
302, 573, 605, 621, 635, 749, 814—
Second. 71, 199, 300, 508, 524, 540,
637, 652, 669, 766, 797—Third. 104,
120, 135, 152, 154, 237, 302, 382, 412,
461, 476, 609, 524, 572, 605, 669, 731,
766, 781, 814—Fourth. 247, 301, 316,
669, 749—Fifth. 237, 247, 302, 316,
243, 382, 412, 441, 491, 492, 606, 638,
699, 701, 717, 733, 748, 766—Sixth.
19, 109, 151, 247, 300, 332, 348, 361,
397, 476, 493, 508, 556, 589, 604, 620,
637, 652, 684, 699, 716, 749, 766, 780,
813—Seventh. 224, 444, 540, 583, 604,
618—Eighth. 71, 300, 332, 381, 397, 444,
493, 508, 524, 556, 589, 604, 669, 716,
749, 780—Ninth. 19, 247, 637, 653,
669—Tenth. 301, 480, 524, 583, 715,
781.
Cavalry school. 640
Champion vagabond, U. S. A. 431
Change of uniforms. 720
Changes of stations. See each No.
Charleston in 1863. 466
Chief of Artillery. 171
Citizen appointments. 25
Civil defence. 621
Company officers, rights of. 251
Company clothing accounts. 367
Conduct becoming an officer and a
gentleman. 57
Consolidation. 154, 155, 320
Cooking for company messes. 359
Corporal Casey's opinion. 123
Corps of Engineers. 492
Courts-martial. See each No.
Custer's "Life on the Plains." 337
Dahlgren gun. See under THE NAVY.
Depressing gun-carriages. 594
Desertion. 3, 51, 306, 173, 771
Desertion of U. S. A. officers in 1861. 771
Detailed service circular. 3
Details on extra duty. 109
Disbursing officers. 166, 248
Discharge of enlisted men under sen-
tence. 143
Discharge. 143
Discharge papers. 3, 413
Disbursed paymaster. 12, 77, 109
Early infantry tactics in U. S. 218
Eight hour law in Gov. arsenals. 356, 640
Engineer battalion, how to employ
the. 39
Engineer Corps, expenses of. 25

Enlisted men. 23, 90, 157, 173, 339,
367, 423, 432, 577, 693, 653, 686, 683,
731, 732, 770, 797
Enlistment of minors. 608
Equal rights for all. 91
Equipments for cavalry. 139
Every man his own tailor. 139
Experiments with gun cotton. 706
Extra lieutenants. 284
Fanno, 2d Lt. Darwin G., case of. 93
Field officers, U. S. A. 348
Field telegraphy. 593
Fifteen-inch guns at Ft. Monroe. 218, 251
Fighting in open order. 890
Gun carriage. 432
Gun carriage, a new. 284
Forbes' detachment, the. 209
Fortified cities. 480
Foreign Military and Naval Items.
See each No.
Frock coats and epaulettes. 770
Gatling gun. 323, 473, 537, 582,
601, 633, 665, 697
Gettysburg (poem). 623
Good Templars. 451
Good Templars defended. 111
Gov't sales of arms. [See French
arms]. 560
Grave of Surgeon Tripler. 511
Gun carriage. 432
Gun-sight, a new. 167
Guns, heavy, and time fuses. 771
Guns, heavy, for coast defence. 607
Guns, heavy rifled field. 139
Gun, the Hubbell. 465
Gun, the Napoleon. 386, 466, 514, 546
Gymnastics as a branch of military
education. 562
Health reports in N. Y. 62
Hiet for regulation board. 578
Hodge, Capt. W. G., case of. 216
Hodge, delinquency of paymaster. 77
Homedead bill, soldiers'. 127, 141, 191
Hornet. 529, 547, 576, 579, 610, 611, 750
Hooker, Gen., in California. 673, 729
Horse equipments. 539
Howard's Indian mission. 689
Illustrated lectures to soldiers. 174
Increased pensions act. 659, 721
Indians. 206, 215, 254, 270, 392, 481
Infantry, cavalry and ordnance. 234
Infantry regiments—First. 301, 317,
319, 392, 398, 412, 611, 638, 653, 669,
701, 781, 797—Second. 301, 332, 524
—Third. 300, 332, 349, 381, 428, 490,
476, 524, 572, 604, 634, 637—Fourth.
136, 215, 343, 365, 389, 636, 668—
Fifth. 244, 245, 215, 300, 316, 364,
381, 412, 441, 460, 476, 493, 524, 540,
556, 621, 644, 749—Sixth. 104, 135,
215, 300, 343, 412, 503, 540, 556, 570,
604, 620, 636, 637, 642, 669, 684, 699,
734, 765, 780, 797, 813—Seventh. 247,
3, 343, 460, 492, 556, 604, 620, 633,
734, 765, 813—Eighth. 184, 300, 315,
316, 332, 349, 365, 381, 382, 393, 525,
557, 573, 583, 621, 637, 701, 716, 749,
781, 814—Ninth. 705, 715, 741, 653,
754, 781—Tenth. 505, 636, 749—
Eleventh. 476, 524, 572, 604, 634,
637, 653, 685, 701, 716, 749, 766, 814—
Twelfth. 428, 637, 652, 669, 766, 797,
814—Fourteenth. 215, 364, 572, 637,
669, 781, 814—Fifteenth. 300, 332,
397, 524, 572, 604, 621, 652, 653, 684,
699, 749—Sixteenth. 205, 215, 301,
332, 365, 524, 552, 765, 781—Sevent-
teenth. 331, 348, 493, 540, 588, 637,
668, 684, 699, 748, 797—Eighteenth.
231—Nineteenth. 428, 492, 620, 621,
636, 653, 765—Twentieth. 300, 316,
412, 428, 524, 540, 556, 604, 636, 653,
733, 780—Twenty-first. 349, 493, 525,
541, 557, 605, 621, 638, 669, 683, 701,
734, 749, 766, 814—Twenty-second.
19, 300, 316, 331, 460, 524, 621, 652,
668, 699, 765, 780, 813—Twenty-third.
19, 460, 476, 509, 589, 621, 687, 734,
766, 813—Twenty-fourth. 247, 316, 541,
814.
Inspecting officers. 39, 418
Inspector-general, promotion of. 594
Iron in fortifications. 599, 642, 528
Japanese caletts at West Pt. 368, 451
Joselyne-Formes breech-loader. 183
Krispien, the. 222
Krupp's guns. 51, 254, 367, 733, 817
Land grant for soldiers. 413
Lauder to "Ancient." 413
Leaves of absence. 413
"Lessons of Decade." 10, 12, 59, 78,
94, 142
Letters in N. Y. P. O. See each No.
Lieutenants, U. S. A. 59
Line and staff. 546
Lineal promotion for subalterns. 610, 626
Long range fighting. 322, 758
Loyal legion. 143, 365, 429, 464, 493,
569, 575, 593, 627, 643
Mahan memorial, the. 205
Mahan, Prof. death of. 89
Martial law applied. 7
Martini-Henry rifle, trial of. 339
Mess-hall fire, the. 170
Military Academy. See Academy.
Military and naval claims decisions. 626
Military club, hint for. 657
Military dep'ts, changes in the. 169
Military divisions and dep'ts. 324,
411, 443
Military equitation. 222
Military justice. 22
Military prisons. 439, 466, 490
Mission of army and navy. 323
Mitrailleuses, prize essay on. 505, 665
Moral of army. 434
Muscians, army. 448
National asylum for disabled volun-
teer soldiers. 611
New cartridge box. 222
New cavalry tactics. 203
N. E. cavalrymen. 579
Non-commissioned officers. 251, 323
Neutrality obligations. 512
Obituary—Anderson, Gen. Rob't.
183, 222—Arnold, Lt. Col. L. S., 108,
135—Atwood, Lt. Wm., 175, 191—
Barlow, Gen. Marcell, 557—Dahlgren,
Col. Ulric, 447—Dakin, Lt. Gen. K., 139—Dinick, Gen. Justin,
167, 174—Gay, Lt. Col. Ebenezer,

92—Goodwin, Capt. Wm. J., 497—
Greene, Brig. Gen. A., 742—Gregory,
Gen. Edgar M., 216—Halleck,
Gen. H. W., 352, 369, 396—Harlan,
Gen. Josiah, 226—Kelly, Capt.
James, 124—Longnecker, Col. H. C.,
103—Mahan, Prof. D. H., 81, 119—
Mahoney, Lt. U. S. A., 577—Mar-
shall, Gen. Humphrey, 545—Mor-
row, Maj. A. P., 210—Parry, 1st
Lt. Wm. W., 75—Porter, Gen. An-
drew, 569, 512—Potts, chief clerk
John, 801—Shuttleworth, Col. Wm.
L., 132—Stanton, Dr. David, 200—
Totten, Gen. James, 216—Trotter,
Surgeon C. S., 811—Von Minder,
Major H., 335—Wadsworth, Gen.
Craig W., 333
Officers of troops. 803
Officers' horses. 154
"One of the Staff," letter from. 433
Old manuals of arms. 187
Ordnance and artillery. 39, 78, 90, 94,
133, 155, 203, 205, 234, 286, 355, 633
Ordnance and metallurgy. 40
Ordnance Corps. 123
Ordnance sergeants. 739
Ordnance's modern artillery. 430
Paymaster-General, annual report of. 339
Pay of enlisted men. 339, 428, 552, 732,
797
Peabody breech-loading rifle. 103
Peace-making in Arizona. 154
"Picking at the staff." 397
Pensions. 137, 173, 399, 609, 656, 683,
721
Post traders. 529, 658
Practice of war. 173
President's appointments for Qr'm's
dept. 476
Problem solved. 91
Promotions. 23, 90, 367, 577, 578, 589,
658, 700
Proposed changes U. S. A. 544
Public lectures by officers. 673
Quartermaster's dept. 347
Quartermaster-General's Depart-
ment, appointments in. 407, 507
Quartermaster-General's report. 371
Rank and file. 418
Red man. 467, 481
Remington arms. 175, 192, 345, 569, 693
Remittances, army. 353
Rent of quarters, no commutation. 3
Reports, official. Artillery school,
316—Chief of Ordnance. 260, 281—
Commissary General, 315—General
of the Army, 270—Paymaster Gen-
eral, 299—St. Louis board, 307—
Secretary of War, 264—Surgeon-
General, 270.
Retained pay. 770
Retired army officers. 93, 465, 497, 659
Rifled field artillery. 134, 187
Rifled guns and mortars. 155
Sale of gov't property. 449
Salutes, customary. 127
Santana and Big Tree. 3, 54, 205
School of artillery. 577, 589, 637
Scouts, circular. 5
Sea coast fortifications and ordnance.
7, 24, 75, 235, 460
Secret societies. 74
Sentry's complaint. 219
Shell power of guns. 518
Sheridan, Gen., at Chicago. 205, 235, 282
Sherman, Gen. 189, 271, 321, 353,
401, 445, 461, 475, 492, 539, 611, 739,
782, 817
Sherman interviewed. 11, 782
Shipwreck of an officer, U. S. A. 175
Short service, recruiting for. 511
Sibley tent contract. 191
Sickles, Gen. 464, 476
Societies.
Army and Navy club. 73, 76, 253, 449
Army and Navy Co-operative Soci-
ety. 689
Army of Cumberland. 232
Army of Potomac. 561, 642, 656
Army of Potomac, artillery assoc'n.
71, 4, 6, 476, 502, 672, 717, 739, 753
Army of Northern Virginia. 204
Army of Tennessee. 770
Military Order of Loyalty Legion, U. S.,
143, 566, 429, 461, 495, 500, 575, 595,
627, 643
Grand Army of the Republic. 369,
402, 561, 642
Third Army corps Union. 321, 464
Ninth Army corps Union. 561
Society of the Cincinnati. 769
Cavalry Society. 544, 561, 642
Soldiers' colonies. 627
Soldiers' home, N. Y. 721
Special orders, abstract of. See each
No.
Staff schools. 336
Staff officer's opinion, a. 336
Staff organization. 252, 304, 305, 322,
338, 416, 465, 496, 451, 629
State jurisdiction over enlistments. 496
Stations of regiments, U. S. A., by
companies. 279, 363, 379, 459, 538, 599,
667, 763, 795
Straw hats and white pantaloons. 59
Suggestions for Gen. Hunt's board. 447
Suggestions for Lt. Dutton. 154
Suggestions to enlisted men. 25
Surgeon-General's circular. 270, 417
Surgeon, acting assistant, U. S. A. 59
Surgeons, hint for. 706
Temperance in Army. 367
Thomas, Geo. H., monument to. 501,
465, 595, 623
Torpedo experiments. 106
Trowel bayonet. 416, 608
Turnock, 2d Lt. Elwin, trial of. 106
Uniform, the new. 770, 811
Van Buren, G. M., arrest of. 136
Vincent Cleyer and the Indians. 215, 254, 302
Veteran's views. 24
Ward-Burton gun. 8, 653, 701
Washington's generalship. 399
Wiard's heavy ordnance. 785
West Point Academy, founding of. 222
West Point Alumni Association. 721
West Point, report of Board of Visi-
tors. 73
West Point scrap book. 337

Wheeler expedition, the. 254, 271
Williams bill, the. 363, 397, 417
William Tell. 205
Who are entitled to bounty lands? 11
Who shall do washing? 594
Why have we not larger rifled field
guns? 110
Why it was so. 139
Wrongs of soldiers. 337

NAVY OF THE UNITED STATES.

Almost a fight. 654
Armored wooden ships defective. 783
Armored ships, future of. 527
Academy Naval, hazing in the. 157, 169, 235, 249
Academy, Naval. 319, 321, 702
Bilged Midshipmen. 6, 123, 218, 366
Boat race at Spezia. 137
Bullus, Commodore Oscar. 143
Colvocoresces, Captain. 685, 702
Carpenters' mates. 219
Centre-board on iron-clads. 205
Chaplain Kane and Lieut. Thomas. 625
Chattanooga, loss of the. 337
Cora. 3, 8, 24, 26, 30, 37, 54, 74, 107, 249
Dahlgren gun. 39, 591, 687
Dana, Chas. A., on the witness stand. 558
Discharges in Navy. 466
English naval affairs. 561
Expenses U. S. N. 5, 351
Farragut, 1st days of. 223
Farragut, Admiral, status of. 590
Fete to U. S. N. officers at Christi-
ania, Norway. 5
Fire in harbor of Marseilles. 783
Foreign Military and Naval Items.
See each number.
Fleets, attack and defence of. 434
Gregory, Admiral, anecdotes of. 707, 738
Guards, the. 40, 45, 174, 186
Gun captains, instruction of. 221
Gun carriages of the "Glatton." 415
Hammock as a life preserver, the. 306
Hassler Expedition. 201, 217
Increase of Navy. 415
International naval regatta. 511
Iron-clad fleet, our. 448
Iron-clads at sea—The "Glatton." 358, 399
Iron-clads under sail. 157, 359, 399
Iron v. wooden vessels. 561
Ischewski's monument. 815
Japanese midshipmen at Annapolis. 463
Kansas, the, and Pisarro. 654
Life-boats, test of. 671
Light-house Board, notices from. 283
Mobile Bay, battle of. 42
McKees, Lieutenant, last letter of. 6
Marine Corps. 143, 447, 479, 495, 546
Marine Corps, changes in. See each
number.
Marine Guard, circular. 574
Marine hospital system. 449
Material of Navy. 269
Medals of honor awarded. 478, 479, 738
Midshipmen, list of vacancies. 590
Midshipmen's journals. 626, 639
Mission of Army and Navy. 323
Mittimus law, modern. 335, 354
Monitor system. 657
Naval Academy. See Academy.
Naval and military claims, decisions. 626
Naval appropriation bill. 673
Naval architecture, 1650 to 1750. 446
Naval ball at Nice. 463
Naval ball to Grand Duke Alex. 233
Naval construction, principles of. 368
Naval education. 430, 703
Naval examination. 445
Naval Hospital at Annapolis. 143
Naval investigation. 498, 510, 542,
558, 590, 591, 666, 674, 690
Naval matters in Congress. 669, 671
Naval officers, present stations of.
See under Stations, below.
Naval officers U. S., 1816 to 1870. 202
Naval Ordnance Corps. 157, 218, 222
Naval paymasters, defalcations of. 140
Naval steam engines. 783
Naval vessels in actual service. 268
Nava vessels, rates and stations of. 418
Naval weapons of the future. 550
Navy boats. 624
Navy, cost to U. S. 5, 331
Navy Department expenses. 5
Navy exploits in the war. 140
Navy Gazette. See each No.
Navy gun drill. 266
Navy list. 655
Navy of future, the. 335
Navy orders. 671
Navy regulations in actual service. 268
Navy, U. S., 1816 to 1871. 170, 186, 202
Navy vessels for the Navy. 429
Nicaragua expedition. 815
Obituary—Bullus, Commodore Os-
car, 123, 143—Colvocoresces, Capt.
George, 685—Crabbe, Rear-Ad-
miral Thomas, 751—Crosman, Com-
mander, U. S. N., 605—Force, Lieut-
enant Alfred, 639—Howard, Cap-
tain William A., 249—Kitchen,
Surgeon John S., 653, 671—Mac-
donough, Captain C. S., 266—Mur-
ray, Pay Director Charles, 735—
Priobett, Lieutenant-Commander
J. M., 201—Raiter, Rev. T. G., 462
—West, Assistant Engineer, U. S.
N., 816—Wilson, Master J. M., 201.
Ordnance experts. 235
Our naval resources. 416
Our Navy in Cuban waters. 318
Pay of naval officers. 510
Pensions, increased. 656
Personnel of the Navy 1816 to 1871.
170, 186, 202
Polaris, course of the. 250
Porter, Admiral, report of. 903
Promotions, U. S. N. 46
Rank in Navy. 607
Reminiscence of the war. 575
Report of chief engineer U. S. N. 323
Ret. of Secretary of the Navy. 246
Retiring officers. 544
Retirement in the Navy. 447
Rev. marine hospital surgeon. 271
Robeson, Secretary, charges against. 626

Robeson, Secretary, marriage of. 585
Semmes, Commander, conviction of. 330, 353
Ships.—Ajax, 350—Alaska, 26, 37, 169
249, 317, 414, 606, 670, 798—Ashue-
lot, 106, 169, 317, 414, 606, 670, 798
—Benicia, 26, 54, 106, 154, 249, 317,
414, 606, 670, 717, 784, 798—Brook-
lyn, 283, 307, 366, 542, 590, 670, 686,
767, 783, 815—California, 54, 122,
233, 249, 477, 542, 657, 684, 686, 735,
798—Canandaigua, 21, 266, 317, 334,
350, 398, 414, 462, 493, 510, 526, 574,
590, 622, 658, 686, 701, 718, 735, 767
—anous, 550, 498, 510, 556, 574,
735—Colorado, 21, 26, 54, 106, 154,
169, 249, 317, 366, 414, 670, 784, 798
—Comanche, 334—Congress, 3, 21,
37, 90, 124, 137, 186, 201, 250, 317,
334, 350, 382, 398, 414, 426, 574, 590,
670, 689, 701, 717, 718, 735, 767, 783,
798, 815—Constellation, 21, 37, 122,
169, 477, 526, 687, 701, 702, 717, 735,
767, 783—Constitution, 122, 154—
Cyane, 54, 334—Dacotah, 54, 201,
334—Dayton, 21—Delaware, 266—
Dictator, 266, 550—Farragut, 266—
Fortuna, 156—Franklin, 6, 75, 106,
186, 201, 266—Frolic, 31, 37, 509,
626, 5, 7, 606, 717, 735, 751, 782—
General S. S. S., 8, 54—Getty-
sburg, 266—Guard, 266—Guerrero,
5, 25, 45, 73, 186, 201, 249, 382, 317,
366, 382, 414, 477, 493—Hartford,
249, 266, 334, 350, 445, 557, 751, 798
—Hassler, 201, 266, 317, 382, 510,
526, 717—Idaho, 249, 414, 670, 798—
Independence, 334—Iroquois, 21,
37, 54, 137, 201, 249, 266, 317, 350,
445, 493, 510, 574, 606, 686, 761, 767,
784, 798—Jameson, 5, 21, 89, 334
—Juvisia, 5, 201, 317, 340, 342, 343,
574, 670, 686, 701, 717, 751, 767, 783
—Kansas, 21, 54, 137, 186, 201, 266,
283, 302, 317, 334, 415, 477, 493, 536,
574, 622, 654, 670, 702, 717, 784—
Kearsarge, 61, 90, 249, 266, 334, 445,
510, 735—Lackawanna, 54, 266, 334,
541, 557, 717, 767—Leyden, 751—
Lancaster, 21, 73, 137, 189, 302, 350,
382, 445, 558, 493, 510, 590, 670, 721,
798—Mahoning, 707—Mahan, 350,
366, 382, 374, 798—Manhattan,
330—Marion, 350, 382—Monroe,
201—Massachusetts, 815—Michigan,
nomah, 350—Michigan, 654—Mil-
let, 5—Minnesota, 266, 606, 751—
Moccasin, 767—Muhlen, 54, 606,
670, 671, 717—Munawagon, 334, 383
—Monocacy, 5, 26, 106, 249, 317,
414, 430, 606, 670, 798—Monon-
gahela, 201—Montauk, 382—Nan-
tucket, 201, 201, 266, 283, 302,
557, 574, 606, 701, 718, 782—Nan-
tucket, 137—Narragansett, 5, 54,
249, 260, 510, 542, 557, 606, 687,
718, 762—Navasota, 266, 557—New
York, 701—New Hampshire, 383,
414—Nipais, 5, 189, 249, 266, 302,
334, 477, 574, 590, 701—Nyack, 64,
334—Ohio, 106, 306—Omaha, 54, 154,
717, 742—Oneida, 37—Onkany,
783—Onward, 5, 21, 654, 798—Ossi-
pee, 5, 21, 186, 654, 686, 717, 735,
798—Palis, 5, 26, 249, 317, 414, 606,
670, 717, 798—Pawnee, 249—Pea-
cock, 8—Pennsylvania, 54, 249, 477,
667, 798—Pilot, 154—Plymouth,
73, 90, 249, 353, 317, 318,

Torpedoes, American.....317
 Truxton, Commodore, U. S. N.....10
 Uniform of Naval Constructors.....559
 Useless vessels.....449
 Volunteer Naval officers transferred.....574
 Volunteer officers U. S. N., stations of.....527

NATIONAL GUARD.

Abuses of regimental armories.....388
 Adjutant-general S. N. G., report.....373
 Anderson obsequies.....548
 Annual inspections and muster.....160,
 176, 192
 Artillery, Battery C.....50
 Artillery reduction.....580
 Austin's street firing.....516
 Batteries A and B, second division.....193, 208
 Battery competition drill.....821
 Battery G, first division.....113, 612
 Battery K, first division.....112, 205,
 372, 644
 Blooming Grove Park.....325
 Breech-loaders.....176, 190, 273
 Breech-loaders for National Guard.....209
 Breech-loading arm test.....176
 Breech-loading trials in Mass.....325,
 341, 373
 Brigade, eleven'h, court martial.....460
 Brigade, eleven'h, second division.....404,
 452, 516, 644, 692, 724
 Brigade, first, first division.....338, 516,
 613, 660, 692, 708
 Brigade, second, first division.....420, 516
 Brigade, third, first division.....308,
 436, 544
 Brigade, twenty-fourth, first division.....821
 Brigade, fifth, second division.....160, 708
 Brooklyn armories.....581
 Canadian encampment.....273, 693, 736
 Cavalry.....218, 244, 660
 Champions.....288, 309, 677
 Changes in first division.....325
 Changes in National Guard.....146, 210,
 280, 310, 357, 431, 789
 Code, amendments to.....404
 Company non-commissioned officers.....12
 Connecticut.....13, 29, 45, 61, 493, 497,
 517, 581, 677
 Constitutionality of the imprison-
 ment act.....112
 Court martial, first division.....452, 629
 Cox court martial.....383
 Creedmoor range.....804
 Decoration day parade.....623, 677
 Disbandments and consolidations.....465
 Division, first.....96, 308, 581
 Division, first, armory.....532
 Division, first, court martial.....404, 629
 Division, second.....533, 581, 613, 644
 Division, second, armories.....533
 Do encampments pay for.....80
 Eighth's new armory.....596
 English volunteers.....257, 743
 Encampments.....44, 80, 723, 740, 772
 Exhibition drill.....612
 Fall inspections.....80
 Fourth of July parade.....772
 Gentlemen's sons mounted.....804
 Government aid to National Guard.....37
 Governor and State military.....340
 Graham's Battery K, First artillery.....112, 205, 208
 Grand Duke Alexis, reception of.....160,
 240, 256
 Great Duke in Boston.....300
 Guard duty.....29
 Halm's.....788
 Highly colored story.....404
 Hints to company officers.....564
 Howitzer battery, eleventh brigade.....176,
 193, 208, 248, 645
 Important decision on military law.....241
 Impassioned act sustained.....60
 Infantry.....
 First, 96, 113, 160, 208, 373, 430, 468,
 484, 581, 628, 661
 Third.....128, 151
 Fifth, 60, 112, 119, 141, 151, 208, 325,
 484, 516, 581, 612, 804
 Sixth.....129, 151, 208, 325, 420, 753
 Seventh, 44, 112, 113, 145, 208, 308,
 324, 373, 420, 478, 516, 533, 549,
 564, 601, 612, 708, 723, 757, 772
 Eighth, 113, 128, 145, 208, 256, 372,
 404, 468, 580, 629, 660, 741
 Ninth, 28, 112, 113, 145, 208, 324, 303,
 356, 420, 452, 469, 616, 580, 644,
 660, 693
 Tenth.....129, 144, 208, 323, 309
 Twelfth, 29, 44, 60, 80, 113, 145, 161,
 208, 272, 383, 440, 356, 372, 388,
 436, 468, 506, 564, 590, 612, 613,
 644, 660, 692, 725, 741, 757, 772

Thirteenth, 28, 61, 96, 112, 129, 144,
 160, 193, 208, 258, 283, 308, 340,
 357, 383, 404, 438, 469, 483, 628,
 661, 676, 692, 756, 788
 Fourteenth.....193, 208, 533
 Fifteenth.....177, 757
 Twenty-second, 45, 56, 128, 144,
 161, 218, 241, 338, 321, 357, 404,
 491, 432, 474, 500, 532, 548, 564,
 613, 661, 692, 703, 725, 741, 757,
 788, 804
 Twenty-third, 144, 193, 208, 256, 273,
 288, 373, 388, 420, 436, 452, 469,
 483, 490, 517, 532, 649, 580, 612,
 613, 614, 660, 676, 692, 738
 Twenty-eighth, 80, 129, 176, 208,
 258, 283, 421, 349, 580, 596, 804
 Thirty-second, 96, 192, 208, 356, 404,
 484, 532, 549, 644, 661, 676, 693,
 728, 757, 788
 Forty-seventh, 45, 60, 80, 97, 128,
 177, 208, 308, 340, 420, 436, 453,
 468, 483, 501, 516, 564, 581, 644,
 660, 691, 676, 693, 708, 757
 Fifty-fourth.....436
 Fifty-fifth, 61, 113, 145, 160, 208,
 353, 500, 517, 532, 692, 757
 Sixty-ninth, 177, 208, 233, 420, 509,
 580, 708
 Seventy-first, 12, 113, 128, 144, 161,
 192, 208, 241, 272, 321, 340, 357,
 372, 404, 420, 439, 469, 483, 549,
 564, 596, 692, 708, 737, 788
 Seventy-ninth.....328, 372, 788
 Eighty-fourth.....129, 208, 242, 453, 532
 Ninety-sixth.....128, 145, 177, 208, 325
 Inspections first division.....16
 Maine militia.....485
 Marksmanship in National Guard.....61, 176
 Maryland.....61, 209, 341, 390, 808
 Massachusetts.....13, 29, 45, 98, 129,
 162, 308, 357, 581, 629
 Military book-keeping.....600
 Military champions.....288, 309, 677
 Military courtesies.....725
 Military criticism.....628
 Military exemptions.....645
 Military guillotine.....96
 Military respect in National Guard.....504
 Militia and election.....208
 Militia of U. S.....237
 Minnesota.....457, 561
 Missouri's militia.....761
 National Guard reductions.....500
 New arms for National Guard.....693
 New Jersey.....81, 113, 145
 Non-commissioned officers, duties of.....28
 Obituary, Irwin, Col. Wm. J.....516
 Old Forty-fourth U. S. volunteers.....12
 Old Guard.....506
 Pennsylvania.....13, 81, 114, 178, 225,
 405, 517, 518, 597
 Prize shooting meetings.....596, 725, 788
 Qualifications for officers.....648
 Re-armament in Massachusetts.....308
 Reception of Albany squadron.....19
 Reception of Twenty-second reg't.....356
 Regimental and company organiza-
 tions.....628
 Regimental target practice.....12, 78
 Remarkable company order.....692
 Remington breech-loader, N. G.
 model.....192, 761
 Review first and second divisions.....581
 Rhode Island.....61, 97, 114, 242, 341,
 374, 389, 485, 497, 469, 581, 597
 Rifle Association, N. G. E.....58, 44,
 56, 60, 80, 97, 192, 225, 240, 256, 272,
 325, 421, 483, 565, 613, 634, 661, 693,
 774, 766, 789, 804
 Rifle practice.....12, 28, 370, 380, 405,
 420, 596, 613
 Right of way—Inf. v. cav.....272, 610
 Rochester riot and the military.....340
 Sergeant at St. Louis.....741
 Season of drill.....288
 Separate detachments, first division.....203
 Separate troop, first division.....218
 Separate troop, second division.....208
 Separate troops (cavalry, fifth brigade)
 193, 208
 Seventh's encampment.....725, 740, 772
 Shaler's, Gen., military fire depart-
 ment.....287
 Sixth and Veterans of 1813.....740
 Sixth, what will become of the.....756
 Spencer court of inquiry.....224, 240,
 288, 356, 373, 388, 463, 601
 State breech-loaders.....420
 State examining board.....60
 State military association N. Y. 325,
 340, 356, 372, 452
 Sun-struck critic.....788
 Surgeon Higginbotham and the Sev-
 enty-first.....12

Target companies.....241
 To what base uses have we come at
 last.....740
 Trial of breech-loaders at Springfield.....80
 Unjust assaults on militia.....660
 Upton's critics.....321
 Various items. See each No.
 Vermont.....129
 Vermont champions.....309
 Virginia.....374
 Volley firing.....432
 Wash.ington Gray troop.....208
 Washington's birthday.....436, 468
 Webster Guard at home.....613
 Westchester Co. militia.....724
 Wyatt fund.....452

MISCELLANEOUS.

Alabama claims.....358, 399
 American and English foreign policy.....355
 American in the German army.....6
 American claims against England.....93
 American ordnance in Europe.....173
 American flag.....93
 Americans in Egyptian service.....93,
 109, 141, 785
 American shipping in China.....755
 Ammunition used by Germans.....755
 Annexation of Mexico.....141
 Armistice, Spain and S. A.....481
 Asia, relations with.....385
 Balance of power.....91
 Ballonage.....714
 British army and its advantages.....627
 British army examinations.....787
 B. R. Rock, Colorado.....254
 Belgian field artillery.....127, 289
 Berlin naval academy.....573
 Bismarck at home.....606
 Blowing Sops from guns.....742
 Bonapartes, origin of the.....658, 689
 British army reform.....251, 499, 705
 British artillery service.....41
 British counter case.....595
 British dead at Plattsburgh.....754
 British Grenadier Guard band.....739, 752
 British iron-clads.....23, 545
 British manoeuvres.....158
 British volunteer, the.....190
 Campaigns of the Empire in 1870.....723
 Cast-iron for heavy guns.....108, 110
 Chinese computation.....110
 Canadian defence.....333, 449
 Canadian Pacific railway.....41, 76
 Canadian Red river expedition.....126
 Chaser's escape from France.....342
 Communism, the.....156
 Compulsory military service in
 France.....737
 Concrete.....433
 Confessed correspondence.....52
 Confederate archives.....857
 Congressional ignorance.....579
 Cork mattresses.....486
 Cost of living in English army.....758
 Courts in Utah.....577, 626
 Cuba and U. S.....253, 287
 Darlan's, passing the.....6
 Darien canal survey.....51, 510, 513
 Decay of Indians.....250
 Deceptive centurion.....593
 Defensive power of Scandinavia.....9
 Diplomatic language of the future.....768
 Drunkenness in British army.....512
 Dualine experiments.....175
 Dunderberg or Rochambeau, dis-
 mantled.....705
 Eighteen hundred and sixty-one and
 Eighteen hundred and seventy-
 two.....592
 European armies, strength of.....737
 Exeunt Clerici.....780
 Fenians, the.....593
 Field day at Brighton.....598
 Field manoeuvres in England.....57
 Final and amicable quarrel.....486
 Floating iron dock.....29
 Fort Duncan before the war.....754
 Fortresses in modern war.....36
 France and her army.....210
 Free recuperating.....401
 French and German civilities.....252
 French and German trophies.....801
 French and Prussian troops com-
 pared.....68
 French arms investigation.....46, 41,
 433, 438, 480, 482, 497, 512, 529, 545,
 560, 626, 642
 French assaults on German occu-
 pants.....89
 French capitulations.....591, 755
 French colony at New Caledonia.....705
 French field artillery.....529
 French loan.....617

French military service.....57
 French naval tactics.....10, 42
 French payments of war claims.....128
 French republic.....128
 French riding in British guns.....171
 French transportation.....174
 French yacht L'Hirondelle.....77
 Future of Europe.....190
 Gallant action of U. S. Consul Dudd.....435
 Gallant action on iron ships.....719
 Gatling gun in Europe.....140, 296
 Gebhart v. Krupp gun.....306
 Geneva conference.....305, 737, 782
 German and Russian fortifications.....79
 German arms.....768
 German budget.....225, 253
 German explorations in the Baltic.....159
 German national defence.....74
 German navy.....174, 342
 German view of French strategy.....175
 German war indemnity.....251
 Gettysburg battle-field memorials.....579
 "Glattton," H. M. ship.....358, 399,
 799, 818
 Grenadier Guards band in U. S. 739, 752
 Gun-carriages of the "Glattton".....415
 Headquarters relic, a.....719
 Heavy naval ordnance in Europe.....56, 758
 Heroes, the, R. N.....76
 Hero of Gettysburg, the.....429
 History of siege of Paris.....688
 History Royal regiment artillery.....737
 Hornet and Virginius, cases of the.....169,
 183, 201, 217, 324, 398
 Horsemanship, art of.....75
 Horton, case of the.....156, 183, 266, 591
 Indian atrocities.....232, 341, 609
 Indian pension frauds.....324
 Indians in Arizona.....254
 Indians revisited.....451
 International corkery congress.....173
 In the track of war.....528
 Invasion of Canada.....174
 Invasion of England.....753
 Investment of Fort Pulaski.....754
 Iron forts.....399, 467
 Is the world round or flat?.....91
 Japanese army, strength of.....786
 Japanese at U. S. signal station.....524
 Japanese cadets at West Point.....363, 481
 Japan, French in.....774
 Juárez, death of.....560
 Jules Favre.....737
 Kit Carson as he was.....43, 110
 Krupp gun, the.....51, 758, 817
 Krupp's gun, bursting of.....507
 Krupp's guns in China.....288
 Krupp's steel works.....236
 Ku Klux in S. C.....173
 Ku Klux prisoners.....397
 Ku Klux, dispersion of.....224
 "L'Anne Terrible" of Victor Hugo.....769
 Last of the Napoleons, the.....578
 Leather cannon.....218
 Life insurance companies, injustice
 of.....169
 Lighthouses.....628
 London military clubs.....119
 Malay pirates extirpated.....207
 Manchester steam users' association.....207
 Manitoba, the Fenians in.....158
 M. user rifle, the.....353
 Mantuff's career.....91, 93
 Marcy's border reminiscences.....310
 Marshall McMahon.....205
 M. trial law.....78
 "Megaera," loss of the.....237, 274, 575
 Men of the late war.....158
 Mexican government and U. S. ves-
 sels.....57, 77
 Mexican warfare.....609
 Mexico, an exaction of.....403, 576
 Mexico? Shall we annex.....576
 Military colloquy in Hades.....191
 Military monuments.....88
 Military strength of the Confederacy.....43
 Minister Catesau recalled.....355, 369
 Mi railleuses in the late war.....171
 Mobility in modern armies.....486
 Modern maritime law.....706
 Napoleon and Sedan.....335, 354
 Navigation of British vessels.....753
 Navy Gazette. See each No.
 Needle gun in Japan.....14
 New school of war.....158
 Nouvelle lettre de Junius.....237
 Northern Pacific Railway, explora-
 tions for.....191
 Offices, sale of in England.....30
 Open Polar sea.....202
 Osage Indians.....200
 Our bill against England.....370
 Owens's modern artillery.....608
 Pacific Railroad.....672
 Paris, defenses of.....672
 Paris evacuated.....93
 Pensions, war of 1812.....305
 Phantom limbs.....239

Political abuse.....481
 Polygamy in Utah.....135
 Population U. S.....367
 Power of Italy.....159
 Pre-ent British army.....238
 Presidential year.....768
 President Thiers's policy.....577
 Progress in Russia.....321
 Promotion of officers in British army.....221
 Prussianized French army.....758
 Prussian army, superiority of.....419
 Prussian staff system.....401, 403
 Prussian v. English guns.....187
 Quelling a mutiny.....750
 Raphael's predictions.....465
 Rebel forces in Va.....387
 Recent experiment at Shoburyne.....819
 Red Cloud at Washington.....672
 Red River expedition.....93
 Reduction of national debt U. S.....566
 Regina del Cln.....656
 Report of law in Spain.....788
 Remington arms.....192
 Remington's armory.....589
 Remington system.....345
 Remington system in Spain and
 Greece.....175
 Report of Secretary Boutwell.....283
 Report on the 40th parallel.....124
 Revelry of death (poem).....818
 Ross, execution of.....253, 285
 Ross's art of war.....255, 546, 563
 Ruin of American commerce.....497
 Russian ball, the.....289
 Russian field manoeuvres.....127
 Russian fortifications.....705
 Russian reorganization.....239
 Saints and Big Tree.....3, 56, 205
 School and army.....590
 School-ship Mercury.....590
 Scott statue of Gen. Winfield.....707
 Sea coast defenses.....7, 24, 202
 Se an after the surrender.....627
 Sealing under water.....203
 Ship canal across Darien.....54, 510, 543
 Shipping interest.....494, 816
 Shipping law.....816
 Shooting of Communists at Satary.....710
 Sibby patent tent contract.....191
 Simple and compound engines.....723
 Singular people, a.....234
 Sir John Burgoyne.....207
 Solar Coron.....306
 Spain and U. S.....369, 561
 Spanish navy.....400
 Steering with a propeller.....55
 Strasbourg ref. rtd d.....720
 Strategic mistakes of Prussians.....515, 531
 "Stuffed captain," the.....342
 Substitute for matches.....470
 Suez Canal.....353
 Supplies to sufferers in the west.....173
 Sweden, military service in.....39, 93
 Swedish army reorganization.....39
 Switzerland, R. organization of mili-
 tary forces of.....321
 Taxation, reduction of.....529
 Test of the "Glattton".....799, 818
 Testing gun cotton.....454, 79
 Thirty-five ton Woolwich gun.....767, 790
 T. Osborne case, the Osprey.....334
 Torpedoes.....30, 82, 399, 736
 Travels in the air.....223
 Treasury book-keeping.....625
 Tri-color at Me.....237
 Trochu's defence of Paris.....694
 Turkish armaments.....739
 Unmilitary reservation.....108
 Universal military service.....608
 United Service Institution, B. 1887.....433
 U. S. and Engla d.....417, 513
 U. S. territorial survey.....816
 Utah, justice in.....626
 Utah v. U. S.....674
 Viking's vessel.....742
 Vincent Colyer on the Apaches.....206,
 215, 254, 270, 302
 Virginius and Hornet, seizure of.....188, 201
 Volunteer mil. review at Brighton.....547
 Von Moltke's plan for war, 1870-71.....822
 Warning to foreigners.....219
 Wash.ington, Col. Lewis W.....143
 Washington treaty.....640
 Wealth of French nation.....817
 Weather m.....41
 Wharfed, Mr. trial of.....284
 What a military journal should be.....286
 What shall be done with the dead?.....255
 What shall we eat?.....324
 Where a Virginia City?.....239
 W. H. Russell's "private diary".....287
 Why Seneca was not tried.....825
 Williams bill, the.....402
 Wimpole prize meeting.....819
 Yacht navy, our.....74
 Zuni Indians, the.....334

